



Minnesota Pollution Control Agency

520 Lafayette Road North  
St. Paul, MN 55155-4194

# Compliance Inspection Form

## Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

**Inspection results** based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also apply.

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

For local tracking purposes:

### System Status

System status on date (mm/dd/yyyy): 8/6/2016

**Compliant – Certificate of Compliance**  
(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

**Noncompliant – Notice of Noncompliance**  
(See Upgrade Requirements on page 3.)

#### Reason(s) for noncompliance (check all applicable)

- Impact on Public Health (Compliance Component #1) – Imminent threat to public health and safety
  - Other Compliance Conditions (Compliance Component #3) – Imminent threat to public health and safety
  - Tank Integrity (Compliance Component #2) – Failing to protect groundwater
  - Other Compliance Conditions (Compliance Component #3) – Failing to protect groundwater
  - Soil Separation (Compliance Component #4) – Failing to protect groundwater
  - Operating permit/monitoring plan requirements (Compliance Component #5) – Noncompliant

### Property Information

Parcel ID# or Sec/Twp/Range: 07.030.21.13.0005

Property address: 5 Eldorado Dr, Dellwood, MN 55110 Reason for inspection: Property sale

Property owner: Gerald Hanggi Owner's phone: 612-963-6159

or  
Owner's representative: \_\_\_\_\_ Representative phone: \_\_\_\_\_

Local regulatory authority: City of Dellwood Regulatory authority phone: 651-429-1356

Brief system description: 1,250 gallon septic tank (estimated) and gravity, rock trench drainfield.

Comments or recommendations:

### Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

Inspector name: Tom Trooien Certification number: 323

Business name: All State Septic Services LLC License number: 1568

Inspector signature: Tom Trooien Phone number: 612-594-4496

### Necessary or Locally Required Attachments

- Soil boring logs
- System/As-built drawing
- Forms per local ordinance
- Other information (list): \_\_\_\_\_

**1. Impact on Public Health – Compliance component #1 of 5**

**Compliance criteria:**

System discharges sewage to the ground surface.  Yes  No

System discharges sewage to drain tile or surface waters.  Yes  No

System causes sewage backup into dwelling or establishment.  Yes  No

**Any “yes” answer above indicates the system is an imminent threat to public health and safety.**

Comments/Explanation:

**Verification method(s):**

- Searched for surface outlet
- Searched for seeping in yard/backup in home
- Excessive ponding in soil system/D-boxes
- Homeowner testimony (See Comments/Explanation)
- “Black soil” above soil dispersal system
- System requires “emergency” pumping
- Performed dye test
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

**2. Tank Integrity – Compliance component #2 of 5**

**Compliance criteria:**

System consists of a seepage pit, cesspool, drywell, or leaching pit.  Yes  No

*Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.*

Sewage tank(s) leak below their designed operating depth.  Yes  No

If yes, which sewage tank(s) leaks:

**Any “yes” answer above indicates the system is failing to protect groundwater.**

Comments/Explanation:

**Verification method(s):**

- Probed tank(s) bottom
- Examined construction records
- Examined Tank Integrity Form (Attach)
- Observed liquid level below operating depth
- Examined empty (pumped) tanks(s)
- Probed outside tank(s) for “black soil”
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

**3. Other Compliance Conditions – Compliance component #3 of 5**

a. Maintenance hole covers are damaged, cracked, unsecured, or appear to be structurally unsound.  Yes\*  No  Unknown

b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety.  Yes\*  No  Unknown

**\*System is an imminent threat to public health and safety.**

Explain:

c. System is non-protective of ground water for other conditions as determined by inspector.  Yes\*  No

**\*System is failing to protect groundwater.**

Explain:

**4. Soil Separation – Compliance component #4 of 5**

Date of installation: 2003,  Unknown  
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging?  Yes  No

**Compliance criteria:**

For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment:  Yes  No

Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment:  Yes  No

Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.\*

"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080, 2350 or 7080.2400 (Advanced Inspector License required)  Yes  No

Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

**Any "no" answer above indicates the system is failing to protect groundwater.**

**Verification method(s):**

Soil observation does not expire. Previous soil observations by two independent parties are sufficient, unless site conditions have been altered or local requirements differ.

- Conducted soil observation(s) (Attach boring logs)
- Two previous verifications (Attach boring logs)
- Not applicable (Holding tank(s), no drainfield)
- Unable to verify (See Comments/Explanation)
- Other (See Comments/Explanation)

**Comments/Explanation:**

0-17 topsoil.....10 YR 3/1  
17-28 sandy loam .....10 YR 5/3  
28-48 silt loam .....2.5 YR 5/4  
48-72 loamy sand .....7.5 YR 4/6

**Indicate depths or elevations**

A. Bottom of distribution media	24-36
B. Periodically saturated soil/bedrock	N/A
C. System separation	36"
D. Required compliance separation*	36"

\*May be reduced up to 15 percent if allowed by Local Ordinance.

**5. Operating Permit and Nitrogen BMP\* – Compliance component #5 of 5  Not applicable**

Is the system operated under an Operating Permit?  Yes  No **If "yes", A below is required**

Is the system required to employ a Nitrogen BMP?  Yes  No **If "yes", B below is required**

BMP = Best Management Practice(s) specified in the system design

**If the answer to both questions is "no", this section does not need to be completed.**

**Compliance criteria**

a. Operating Permit number: n/a  Yes  No  
Have the Operating Permit requirements been met?

b. Is the required nitrogen BMP in place and properly functioning?  Yes  No

**Any "no" answer indicates Noncompliance.**

**Upgrade Requirements (Minn. Stat. § 115.55)** An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.

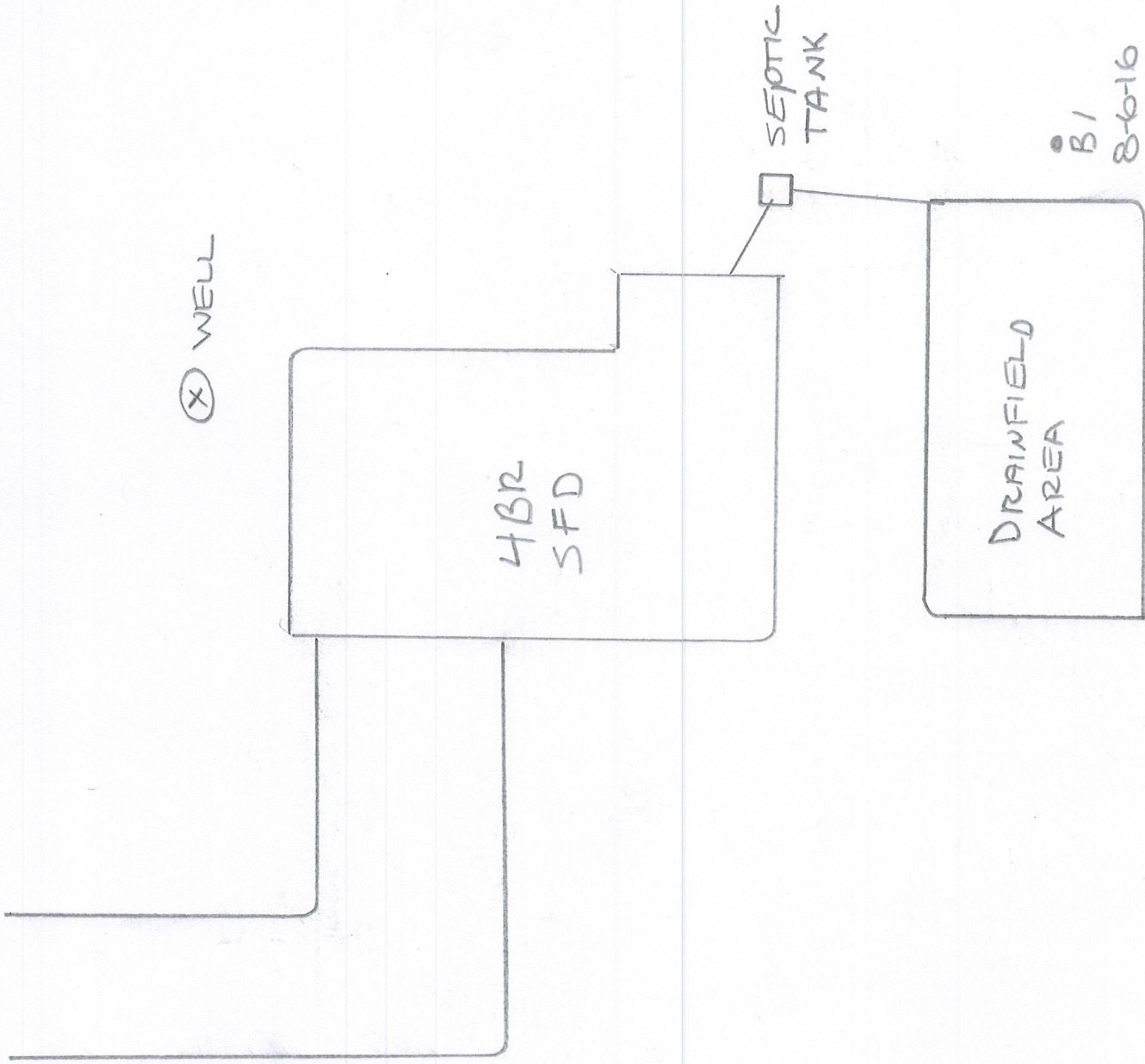
⊗ WELL

4BR  
SFD

SEPTIC  
TANK

DRAINFIELD  
AREA

• B1  
8-6-16





# Tri-City / William Lloyd Analytical Laboratory

9300 Poplar Bridge Road • Bloomington, MN 55437 • (952) 563-4904

## Sample Result Report

**Report Date:** August 4, 2016

**Client:** All State Septic Services  
**Address:** 12020 Square Lake Tr. Ct.  
Stillwater, MN 55082  
**Sample Collector:** JT  
**Collection Date:** 08/03/16  
**Collection Time:** 13:30  
**Client ID:** 5 Eldorado Dr.  
Dellwood, MN 55110

**Received By:** BMM  
**Received Date/Time:** 08/03/16 14:15  
**Sample Condition Upon Receipt:**  
 Acceptable  
 Other \_\_\_\_\_

Sample ID	Analysis Name	Analysis Reference	Analysis Start Date	Analyst	Combination Result	Analysis Unit
AA94969	P/A total coliform	Readycult	08/03/16	DJW	Absent	coliform/ 100mL
	Nitrate as N	EPA 353.2	08/03/16	BMM	<0.02	mg/L

The analyte(s) reported, for the sample(s) listed above, meet standards set by the Minnesota Department of Health and U. S. Environmental Protection Agency for safe drinking water.

- MCL (maximum contaminant level) set by the EPA for Lead .....15ug/L
- MCL (maximum contaminant level) set by the EPA for Arsenic.....10ug/L
- MCL (maximum contaminant level) set by the EPA for Nitrate.....10mg/L
- MCL (maximum contaminant level) set by the EPA for Nitrite.....1mg/L
- MCL (maximum contaminant level) set by the EPA for Total Coliform.....Absent

Approved by: *Deb Weltzin*  
Deb Weltzin  
Water Quality Supervisor

Laboratory Identification Number: 027-053-355

The results in this report apply only to the above listed samples. All routine quality assurance procedures were followed, unless otherwise noted. This analytical report must be reported in its entirety. All methods are certified by the Minnesota Department of Health, unless otherwise noted. EPA 200.7 for the analysis of lead in drinking water is not certifiable by the MDH.

# All State Septic Services LLC

All State Septic Services LLC  
12020 Square Lake Trail Ct  
Stillwater, MN 55082  
Tax ID 47-5042691

651-439-7323 (office)  
612- 594-4496 (cell)  
tomtrooien@aol.com

Date 8/6/2016

## Invoice

Invoice No. 1601

Due Date: Upon receipt

**Bill To:**

Gerald Hanggi  
5 Eldorado Dr.  
Dellwood, MN 55110

Please detach top portion and return with your payment.

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**Description**

**Amount**

Septic system compliance inspection  
Water test  
5 Eldorado Dr.  
Dellwood, MN 55110

\$375.00  
\$150.00  
Total Due \$525.00

Paid in full, 8/6/2016  
Check # 6765

Thank you, Tom Trooien  
All State Septic Services LLC

Per Minnesota Statute 514.011: a) Any person or company supplying the labor or materials for this improvement to your property may file a lien against your property if that person or company is not paid for the contributions. 1½ % per month charge on past due accounts.